

SECRET**PRIORITY**

1967 AUG 15 23 50Z

OUT 62871

P 152311Z AUG 67
FM NPIC WASHDC
TO AIG NINE SEVEN FIVE

BT

SECRET SECTION 1 OF 3. CITE NPIC 1528
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-973, 11 AUG 67.

((FOLLOWING TEXT IDENTICAL TO MISSION LISTED ABOVE))

SECRET

END OF MESSAGE

S/C NOTE: ALSO PASSED

Declass Review by NGA

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SECRET

GROUP 1
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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A RECONNAISSANCE MISSION G-973, 11 AUG 67.

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE

COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@,
H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC
@GROUND COVER@, CF @CAMOUFLAGE@, O @OBLIQUITY@, AND
GR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS
G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF
TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@
OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED

BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT
@21-75 MM@, MEDIUM @76-100 MM@, HEAVY @OVER 100 MM@, AND AUTOMATIC
WEAPONS @ZPU-1, ZPU-2, AND ZPU-4@. IF THE CATEGORY CANNOT BE
DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER
OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

HOLGUIN SAM SITE R27-2 CU 2052N 07627W
OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES@, 6 MISSILE
TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN
TRAILERS, 3 ADDITIONAL VAN TRAILERS, AND AT LEAST 6
PROBABLE CARGO TRUCKS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W
OB -- 6 EMPLACED LAUNCHERS, AT LEAST 6 MISSILE
TRANSPORTERS, A GUIDANCE AREA WITH FAN SONG RADAR, AND
6 OTHER VEHICLES/PIECES OF EQUIPMENT.

HOLGUIN SAM SITE WEST CU 2051N 07627W
OB -- NONE OBSERVED.

CONSTRUCTION CONTINUES.

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 15
MISSILE TRANSPORTERS, A FAN SONG RADAR WITH
SHED-COVERED ASSOCIATED EQUIPMENT, 9 TRACKED PRIME
MOVERS, 10 PROBABLE TRUCK TRACTORS, AND 11 CARGO
TRUCKS.

ACTIVITY -- ONE 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553W
OB -- 3 MISSILES ON DOLLIES, 2 MISSILE TRANSPORTERS, 6
CANISTER TRANSPORTERS @3 CANVAS-COVERED@, AT LEAST 72
MISSILE CANISTERS, 1 TRUCK TRACTOR, 2 TRUCK-MOUNTED
CRANES, 10 CARGO TRUCKS, 2 VAN TRUCKS, AND 2 PROBABLE
VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA SAM SITE 2 CU 1958N 07549W
OB -- NONE OBSERVED.

ACTIVITY -- 2 CARGO TRUCKS AND 1 OTHER VEHICLE.

CONSTRUCTION CONTINUES ON SITE.

SANTIAGO SAM TRAINING AREA CU 1958N 07551W
OB -- 1 MISSILE TRANSPORTER, 15 TRACKED PRIME MOVERS, 7

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PROBABLE VAN TRUCKS, 31 CARGO TRUCKS, 4 VAN TRAILERS, 4
CARGO TRAILERS, AND 1 TRUCK-MOUNTED FOR CRANE. 2006/11/08: CIA-RDP78B03817A000700040065
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W
OB -- 6 EMPLACED LAUNCHERS 03 WITH MISSILES, 10
MISSILE TRANSPORTERS 04 WITH EXPOSED MISSILES, A FAN
SONG RADAR WITH SHED-COVERED SUPPORT VANS, A POSSIBLE
ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, AND 7
OTHER VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W
OB -- 12 UNIDENTIFIED VEHICLES AND NUMEROUS MISSILE
CANISTERS OBSERVED. GROUND RESOLUTION LIMITS
INTERPRETATION.
NO APPARENT CHANGE IN FACILITIES.

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W
OB -- 6 EMPLACED LAUNCHERS 02 WITH MISSILES AND A FAN
SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA MAYA SAM SITE CU 2014N 07540W
OB -- 6 EMPLACED LAUNCHERS 01 WITH MISSILES, 9 MISSILE
TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN
TRAILERS, AN ACQUISITION RADAR WITH AN ASSOCIATED
GENERATOR VAN, 3 ADDITIONAL VAN TRAILERS, AND 6 OTHER
VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

MOA SAM SITE CU 2039N 07458W
SITE REMAINS ABANDONED.

AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W
OB -- 1 CRATE, 1 C-87, 1 COLT, AND 1 HOUND.

HOLGUIN AIRFIELD CU 2047N 07618W
OB -- 9 FISHBED, 11 FAGOT/FRFSCO, AND 1 HOUND.
CONSTRUCTION OF HANGARETTES CONTINUES.

LOS CANOS AIRFIELD CU 2005N 07509W
OB -- 1 MEDIUM STRAIGHT-WING AIRCRAFT.

ANTONIO MACEO AIRFIELD CU 1958N 07550W
OB -- 1 C-87, 1 MORAVA 1-200, AND 1 HOUND.

BAYAMO AIRFIELD EAST CU 2022N 07637W
OB -- 1 PROBABLE COLT AND 3 PROBABLE HOUND.

BAYAMO AIRFIELD CU 2023N 07637W
OB -- NONE OBSERVED.
CONSTRUCTION OF RUNWAY CONTINUES.

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2000N 07550W
VESSELS -- 10 LARGE FREIGHTERS, 1 LARGE TANKER, AND 3

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NUEVITAS PORT CU 2132N 07715W

VESSELS -- 9 FREIGHTERS AND 1 TANKER.

CAIBARIEN PORT CU 2231N 07928W

VESSELS -- NONE OBSERVED.

CARDENAS PORT CU 2302N 08111W

VESSELS -- 1 LARGE FREIGHTER AND 1 COASTAL FREIGHTER.

ELECTRONICS/COMMUNICATIONS

HOLGUIN EW/GCI RADAR SITE CU 2048N 07618W

OB -- NONE OBSERVED.

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W

OB -- 6 VAN TRUCKS AND 13 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA EW/GCI RADAR SITE 2 CU 2005N 07551W

OB -- 1 TOKEN-TYPE RADAR.

PUNTA MAISI LOW SIEVE RADAR SITE CU 2014N 07409W

OB -- 1 LOW SIEVE RADAR.

NO APPARENT CHANGE IN FACILITIES.

VARADERO LOW SIEVE RADAR SITE CU 2311N 08108W

OB -- NONE OBSERVED.

LA SOCAPA LOW SIEVE RADAR SITE CU 1958N 07552W

OB -- 1 LOW SIEVE RADAR.

NO APPARENT CHANGE IN FACILITIES.

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 07600W

OB AREA 1H -- AT LEAST 40 VEHICLES. AREA 5H -- 5 VEHICLES/PIECES OF EQUIPMENT. AREA 6H -- 21 PROBABLE CARGO TRUCKS.

AREA 7 -- IDENTIFICATION ONLY.

AREAS 2-4 -- CLOUD COVERED.

HAZE AND SCATTERED CLOUDS PRECLUDE DETAILED

INTERPRETATION.

NO APPARENT CHANGE IN FACILITIES.

DOS CAMINOS MILITARY CAMP CU 2014N 07547W

OB -- 29 FA PIECES, 12 PROBABLE AAA PIECES, AND 32 TRACKED PRIME MOVERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN FACILITIES.

GUANAMAMO AREA CU 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

AREA 1 -- 50 PERCENT USEABLE COVERAGE.

AREAS 2, 3, 6, AND 9 -- 90 PERCENT USEABLE COVERAGE.

AREA 4 -- 40 PERCENT USEABLE COVERAGE.

AREA 5 -- 80 PERCENT USEABLE COVERAGE.

AREA 7 -- 5 PERCENT USEABLE COVERAGE.

AREA 8 -- 60 PERCENT USEABLE COVERAGE.

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HOLGUIN MILITARY CAMP CU 2057N 07616W
OB -- 6 TANKS/SP GUNS, 15 FA PIECES, 42 AAA
PIECES, 15 AAA PIECES/MORTARS, AND 98 CARGO TRUCKS.
OB -- CAMP 2.2 NM SW -- 10 PROBABLE TANKS/SP GUNS AND 8
CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

HOLGUIN MILITARY CAMP NW CU 2057N 07616W
OB -- NONE OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

REMEDIOS MILITARY AREA CU 2227N 07935W
OB -- 6 PROBABLE TANKS/SP GUNS, 23 FA PIECES, 40 CARGO
TRUCKS, 17 UTILITY TRUCKS, AND AT LEAST 115 OTHER
VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

CORRALILLO MILITARY AREA CU 2301N 08038W
OB -- 2 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

CUABITAS MILITARY CAMP CU 2003N 07548W
OB -- 13 TANKS/SP GUNS AND 6 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

EL CRISTO MILITARY INSTALLATION CU 2010N 07547W
OB -- 12 CARGO TRUCKS, 1 PROBABLE TRACKED VEHICLE, 4
CANVAS-COVERED VEHICLES/PIECES OF EQUIPMENT, AND 1
OTHER VEHICLE.
NO APPARENT CHANGE IN FACILITIES.

MARTI ARMOR TRAINING AREA CU 2258N 08059W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

OFELIA MILITARY CAMP CU 2006N 07530W
OB -- AT LEAST 9 TANKS/SP GUNS, 14 FA PIECES, 47 CARGO
TRUCKS, AND 10 OTHER VEHICLES.
ACTIVITY -- 4 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

PUERTO PADRE MILITARY AREA CU 2111N 07639W
OB -- 1 CARGO TRUCK.
NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA MILITARY CAMP NW CU 2003N 07554W
OB -- 3 FA PIECES, 15 MORTARS, AND 37 CARGO TRUCKS. NO
APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA MILITARY CAMP CU 2003N 07553W
OB -- 48 FA PIECES, 9 MORTARS, 89 CARGO TRUCKS, AT
LEAST 2 UTILITY TRUCKS, AND 1 FLATBED TRACTOR-TRAILER
TRUCK.
FACILITIES INCLUDE 16 LARGE TENTS.
NO APPARENT CHANGE IN PERMANENT FACILITIES.

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SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 2001N 07547W
OB -- AT LEAST 19 FA PIFCES, APPROXIMATELY 1000 FT. W. OF CAMP. A-RDP78B03817A00070004040254
TRUCKS.

ACTIVITY -- 1 OCCUPIED 3-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

JESUS MARIA PROBABLE MILITARY BARRACKS CU 2056N 07615W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

SIBONEY LANDING BEACH CU 1957N 07542W
NO NEW MILITARY ACTIVITY OBSERVED.

PLAYA YATERITAS LANDING BEACH CU 1958N 07457W
NO NEW MILITARY ACTIVITY OBSERVED.

MAK VERDE LANDING BEACH CU 1957N 07556W
NO NEW MILITARY ACTIVITY OBSERVED.

IMIAS LANDING BEACH CU 2005N 07440W
NO NEW MILITARY ACTIVITY OBSERVED.

MOA @PUNTA GORDA LANDING BEACH CU 2039N 07453W
NO NEW MILITARY ACTIVITY OBSERVED.

MOA @CANANOVAS LANDING BEACH CU 2039N 07502W
NO NEW MILITARY ACTIVITY OBSERVED.

CAYO DE SABINAL LANDING BEACH CU 2144N 07728W
NO NEW MILITARY ACTIVITY OBSERVED.

PENINSULA DE HICACOS LANDING BEACH CU 2311N 08130W
NO NEW MILITARY ACTIVITY OBSERVED.

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

NICARU LANDING BEACH 2042N 07533W

SANTIAGO MIL CAMP SW EARTH-COVERED BUNKER 1959N 07550W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

CAMILO CIENFUEGOS AIRFIELD 2229N 07956W

SANTA CLARA EW/GCI RADAR SITE 2229N 07956W

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE 2101N 07535W

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